

# FILE NOTATIONS

Entered in NID File ☒

Entered On S R Sheet ☒

Location Map ☒

Card Indexed ☒

IWR for State or Fee Land ☒

Checked by Chief But

Copy NID to Field Office ☒

Approval Letter ☒

Disapproval Letter ☐

## COMPLETION DATA:

Date Well Completed 4-26-67

GW VAV TA TA

GW GS PA PA

Location Reported ☐

Bond Released ☐

State of Fee Land ☐

## LOGS FILED

Drill Log 7-14-67

Electric Logs (No.) 6

EDual Lat (281)

CR

GR-N

Micro

Lat

Mi-L

Sonic

Others

Formation Density Comp. (3)

**CONFIDENTIAL**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT TO **LOCATE\***  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Union Oil Company of California

## 3. ADDRESS OF OPERATOR

P. O. Box 1611 - Casper, Wyoming 82601

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface 660' FSL &amp; 1,980' FEL (SW SE)

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 30 miles southwest of Green River, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any) 660' from south line

## 16. NO. OF ACRES IN LEASE

1,927.64

17. NO. OF ACRES ASSIGNED  
TO THIS WELL18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

2,500'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Existing GL 4,874' based on USGS datum

## 22. APPROX. DATE WORK WILL START\*

May 2, 1967

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	10-3/4"	32.75#	60'	30 sax
8-3/4"	7"	23#	1,255'	230 sax
6-1/4"	4-1/2"	9.5#	2,500'	150 sax

Propose to drill a 2,500' exploratory well to test the Coconino Sandstone.

Propose to drill 13-3/4" hole to 60', cement 10-3/4" casing to surface; drill 8-3/4" hole to 1,255', cement 7" casing to surface; drill 6-1/4" hole to 2,500'. Drilling will be done with air and/or foam, coring approximately 150' of Coconino formation. Drill stem testing will be at the discretion of the well site geologist. Well will be logged and if productive, 4-1/2" casing will be set at TD, and cemented with approximately 150 sax.

Pressure operated double ram BOP's will be used.

43-015-20215

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24. ORIGINAL SIGNED BY

SIGNED W. J. Mansbridge

TITLE Dist. Drilling Supt.

DATE April 7, 1967

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

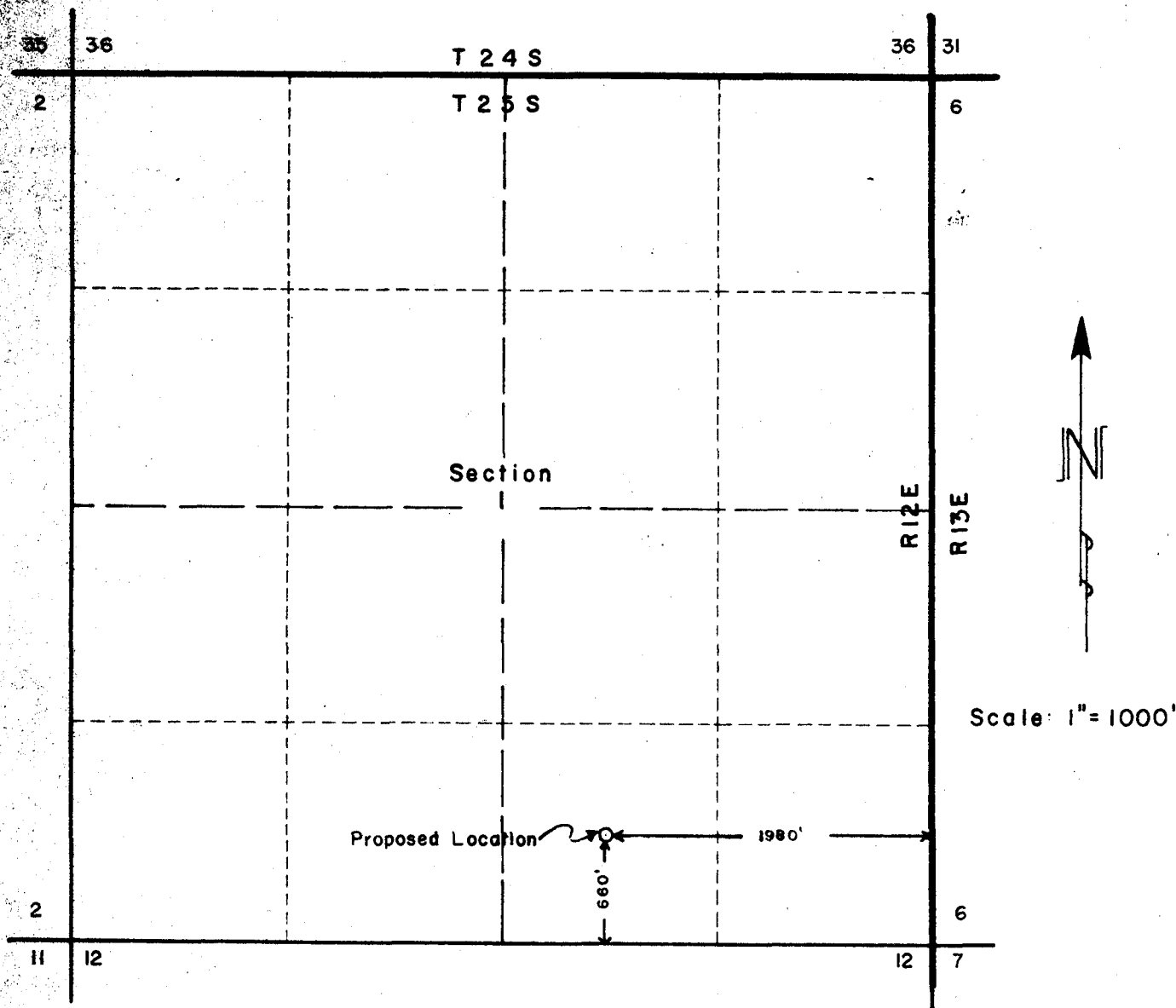
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**CONFIDENTIAL**

\*See Instructions On Reverse Side



**WELL LOCATION: Union Oil Company— Temple Wash Gov't. No. 2**

Located 660 feet North of the South line and 1980 feet West of the East line of Section 1,  
 Township 25 South, Range 12 East Salt Lake Base & Meridian  
 Emery Co. Utah  
 Existing ground elevation determined at 4874 feet based on U.S.G.S. Datum

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

*Frederick H. Reed*

FREDERICK H. REED  
 Registered Land Surveyor

State of Utah No. 2689



UNION OIL COMPANY  
 Denver, Colorado

WELL LOCATION PLAT  
 Sec. 1—T25 S—R12 E  
 Emery Co., Utah

CLARK-REED & ASSOC.  
 Durango, Colorado

DATE March 31, 1967  
 FILE NO. 67022

April 10, 1967

Union Oil Company of California  
P. O. Box 1611  
Casper, Wyoming 82601

Re: Well No. Temple Wash Government  
#019-1, Sec. 1, T. 25 S.,  
R. 12 E., Emery County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill  
the above mentioned well is hereby granted. =

Should you determine that it will be necessary to  
plug and abandon this well, you are hereby requested  
to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer  
HOME: 277-2890 - Salt Lake City, Utah  
OFFICE: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if the well has  
not been spudded-in within said period.

Enclosed please find Form OGCC-8-X, which is to be  
completed whether or not water sands (aquifers) are encountered  
while drilling. Your cooperation with respect to completing  
this form will be greatly appreciated.

Union Oil Company of California

April 10, 1967

-2-

The API number assigned to this well is 43-015-20215  
(see Bulletin D12 published by the American Petroleum  
Institute).

Very truly yours,

Oil & Gas Conservation Commission

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:sc

cc: Rodney Smith, District Engineer  
U. S. Geological Survey  
8416 Federal Building  
Salt Lake City, Utah

April 17, 1967

W. O. Arns, Chief Location Engineer  
Utah State Department of Highways  
State Office Building  
Salt Lake City, Utah

Re: Well No. Temple Wash Government #1,  
660' FSL & 1980' FEL, C SW SE,  
Sec. 1, T. 25 S., R. 12 E.,  
Emery County.

Dear Mr. Arns:

Approval to drill the above mentioned well has been granted this date.

Would you please advise this Commission immediately if the well location is on or in close proximity to any highway which the Department of Highways intends to construct in the near future.

Thank you for your cooperation in this matter.

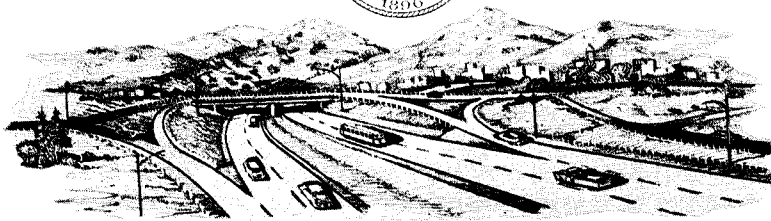
Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:cnp

DIRECTOR  
HENRY C. HELLAND



STATE HIGHWAY ENGINEER  
BLAINE J. KAY

## Utah State Department of Highways

State Office Building  
Salt Lake City, Utah 84114

April 19, 1967

Mr. Cleon B. Feight  
Executive Director  
Oil & Gas Conservative Commission  
348 East South Temple, Suite 301  
Salt Lake City, Utah 84111

Dear Mr. Feight:

Re: Well No. Temple Wash Government #1  
660' FSL 7 1980' FEL, C SW SE,  
Sec. 1, T. 25 S., R. 12 E., Emery  
County

The above-described well location is approximately one-half mile from State Highway 24 and will not conflict with any highway plans in this area.

We hope this information will clarify any questions you may have concerning the above-mentioned well location.

Very truly yours,

W. O. Arns  
Chief Location Engineer

**CONFIDENTIAL**DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN  
Other Instruction (reverse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

USA U-0145019

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. CEMENT AGREEMENT NAME

8. STATE OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL OR WILDCAT

11. SPEC. T. B. M. OR B. L. P. AND

12. COUNTY OR PARISH

13. STATE

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

**CONFIDENTIAL**

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Dry Hole</b>	2. NAME OF OPERATOR <b>Union Oil Company of California</b>	3. ADDRESS OF OPERATOR <b>P. O. Box 1611 - Casper, Wyoming 82601</b>	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>660' FSL &amp; 1,980' FEL (SW SE)</b>	5. LEASE DESIGNATION AND SERIAL NO. <b>USA U-0145019</b>	6. INDIAN, ALLOTTEE OR TRIBE NAME	7. CEMENT AGREEMENT NAME	8. STATE OR LEASE NAME <b>Temple Wash Div't.</b>	9. WELL NO. <b>019-1</b>	10. FIELD AND POOL OR WILDCAT <b>Willicat</b>	11. SPEC. T. B. M. OR B. L. P. AND SURVEY OR ADJ. SURVEY	12. COUNTY OR PARISH <b>Sec. 1, T. 25S, R. 12E</b>	13. STATE <b>Utah</b>	14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>GR 4,848'; KB 4,858'</b>
--	---	---	---	---	-----------------------------------	--------------------------	---	-----------------------------	--	--	---	--------------------------	----------------	---

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONING WELL <input checked="" type="checkbox"/>
(Other) <input checked="" type="checkbox"/> <b>Supplemental Well History</b>	

(NOTE: Report results of multiple completion or Well Completion or Recompletion Report and Log form)

Spudded at 9:00 a.m. 4-16-67. Drilled 13-3/4" hole to 74'. Ran 3 jts. 42.50# J-55 ST&C new casing. Cemented at 72.5' KB with 60 sax regular plus 3% CaCl<sub>2</sub>. Recemented down back side using 27 sax cement with 2% CaCl<sub>2</sub>. Drilled to 1,290'. Ran 41 jts. 7" 23# J-55 ST&C used casing. Cemented at 1,287' with 280 sax 50-50 Driam, 2% gel, 10% salt. Full returns to last 10 bbls. then lost returns. Plug down at 10:15 a.m. 4-20-67. Pumped 4 sax cement in annulus, dumped 10 sax pea gravel, 25 sax regular cement with 2% CaCl<sub>2</sub> - cement to surface.

Drilled to 2,355' TD using air and injecting fresh water with soap. Schlumberger electric logs.

As per verbal approval from Mr. R. A. Smith, U.S.G.S., Salt Lake City, Utah, well # & A 4-26-67 as follows:

Plug No. 1 - 2,293' - 2,193' - 100' - 23 sax  
Plug No. 2 - 1,714' - 1,614' - 100' - 23 sax  
Plug No. 3 - 1,348' - 1,248' - 100' - 23 sax  
Plug No. 4 - 5 sack plug at surface. Installed in accordance with U.S.G.S. regulations.

Rig released at 3:00 a.m. 4-26-67.

18. I hereby certify that the foregoing is true and correct

SIGNED **W. J. Mansbridge**

TITLE **Dist. Drilling Supt.**

**W. J. Mansbridge**

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

**100% YAM**

\*See Instructions on Reverse Side

**CONFIDENTIAL**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.  
OFFICE Salt Lake  
LEASE NUMBER USA U-0115019  
UNIT \_\_\_\_\_

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Emery Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1967.

Agent's address P. O. Box 1611 Company Union Oil Company of California  
Casper, Wyoming 82601 Signed [Signature]

Phone 234-1563 Agent's title General Clerk

SEC. AND 1/4 OR 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW SE Sec. 1 Temple Wash Gov't.	25S	12E	019-1				Location: 660' FSL & 1,980' FEL Elevations: GR 4,848'; KB 4,858'.  Spudded at 9:00 a.m. 4-16-67. Drilled 13-3/4" hole to 74'. Ran 3 jts. 10-3/4" 42.50# J-55 casing. Cemented at 72.5' KB with 60 sax regular cement plus 3% CaCl2. Recemented down back side using 27 sax cement with 2% CaCl2. Drilled to 1,290'. Ran 41 jts. 7" 23# J-55 ST&C casing. Cemented at 1,287' with 280 sax 50-50 Diamix, 2% gel, 10% salt. Full returns to last 10 bbls. then lost returns. Plug down at 10:15 a.m. 4-20-67. Pumped 4 sax cement in annulus, dumped 10 sax pea gravel, 25 sax regular cement with 2% CaCl2 - cement to surface.  Drilled to 2,355' TD using air and injecting fresh water with soap. Ran Schlumberger electric logs.  As per verbal approval from U.S.G.S., well P & A 4-26-67 as follows:  Plug No. 1 - 2,293' - 2,193' - 100' - 23 sax Plug No. 2 - 1,714' - 1,614' - 100' - 23 sax Plug No. 3 - 1,348' - 1,248' - 100' - 23 sax Plug No. 4 - 5 sax plug at surface. Installed dry hole marker in accordance with U.S.G.S. regulations. Rig released at 3:00 p.m. 4-26-67. <u>FINAL</u>			

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

# Union Oil Company of California

NORTHERN DIVISION

P. O. BOX 3372



PHONE 247-4300

DURANGO, COLO. 81302

May 22, 1967

State of Utah  
348 East South Temple  
Suite 301  
Salt Lake City, Utah

Attn: Mr. Cleon B. Feight

Dear Mr. Feight:

Enclosed please find copies of logs run on Union Oil Company of California, Temple Wash Govt.-019 #1, C SW SE, Sec. 1, T. 25S., R. 12E., Emery County, Utah.

Very truly yours,

UNION OIL COMPANY OF CALIFORNIA

Clarence L. Harr  
District Exploration Geologist

CLH/mr

Enclosures - 4      Compensated Formation Density Log (2)  
Dual Induction-Laterolog (2)

Form approved.  
Budget Bureau No. 42-R355.5.

**\*(See Instructions and Spaces for Additional Data on Reverse Side)**

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Well P & A 4-25-67 as follows:					
Plug No. 1	2,293'	2,193' - 20 sack	Navajo	177'	
Plug No. 2	1,724'	1,624' - 20 sack	Kayenta	797'	
Plug No. 3	1,348'	1,248' - 20 sack	Wingate	998'	
10 sack plug at surface with dry hole marker installed in accordance with U.S.G.S. regulations.			Chinle	1,325'	
			Shinarump	1,581'	
			Moenkopi	1,670'	
			Sinbad	2,081'	
			L. Moenkopi	2,120'	
			Kaibab	2,194'	
			Coconino	2,265'	

SEP 14 1967